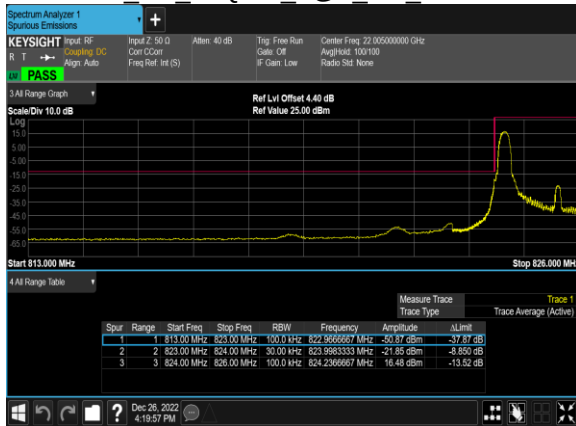
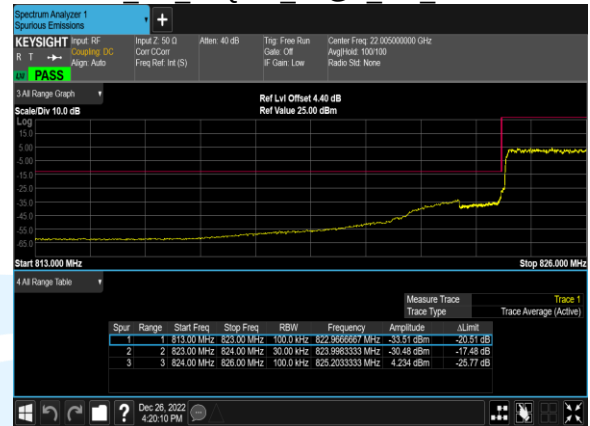


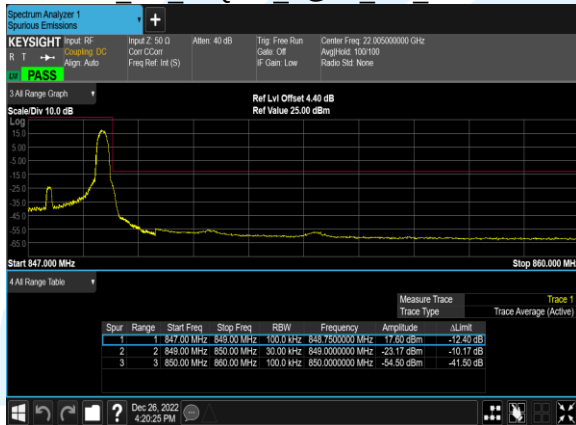
B5 3M 64QAM 1@0 CH 20415



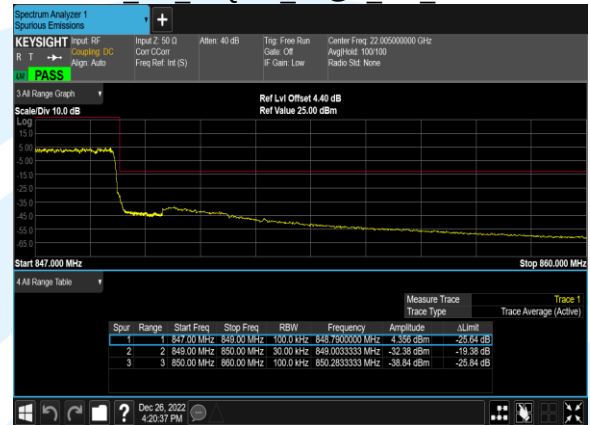
B5 3M 64QAM 15@0 CH 20415



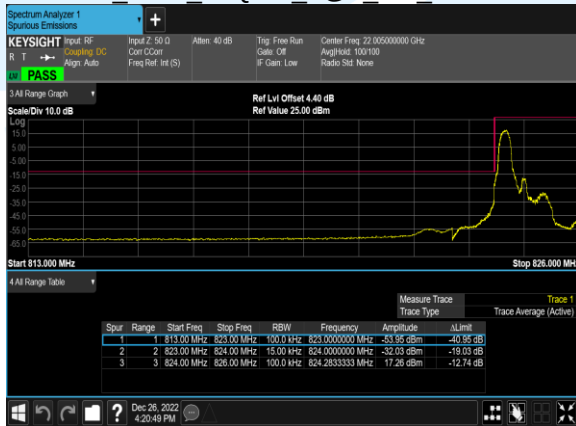
B5 3M 64QAM 1@14 CH 20635



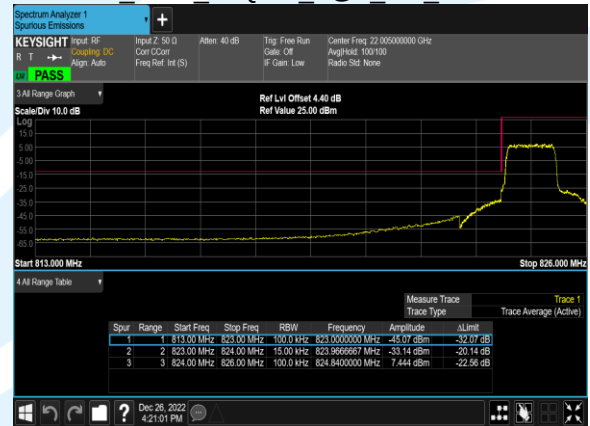
B5 3M 64QAM 15@0 CH 20635



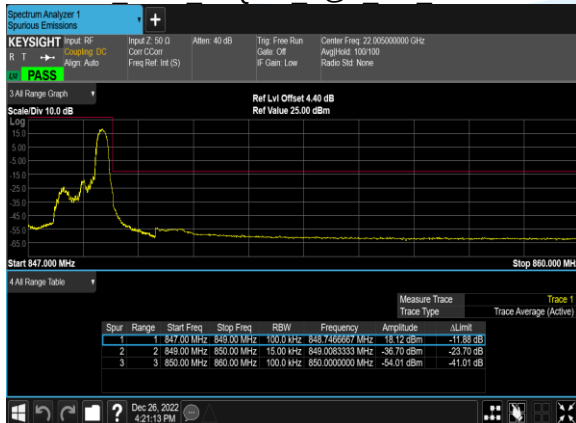
B5 1.4M 64QAM 1@0 CH 20407



B5 1.4M 64QAM 6@0 CH 20407



B5 1.4M 64QAM 1@5 CH 20643



B5 1.4M 64QAM 6@0 CH 20643



A.4 LTE BAND 7

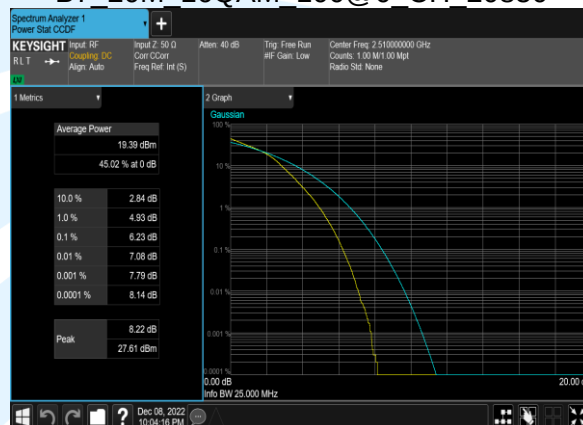
Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	20.0	20850	2510.0	QPSK	100@0	5.55	13	PASS
7	20.0	20850	2510.0	16QAM	100@0	6.23	13	PASS
7	20.0	20850	2510.0	64QAM	100@0	6.21	13	PASS
7	20.0	21100	2535.0	QPSK	100@0	5.57	13	PASS
7	20.0	21100	2535.0	16QAM	100@0	6.28	13	PASS
7	20.0	21100	2535.0	64QAM	100@0	6.25	13	PASS
7	20.0	21350	2560.0	QPSK	100@0	5.67	13	PASS
7	20.0	21350	2560.0	16QAM	100@0	6.34	13	PASS
7	20.0	21350	2560.0	64QAM	100@0	6.31	13	PASS

B7 20M QPSK 100@0 CH 20850



B7 20M 16QAM 100@0 CH 20850



B7 20M QPSK 100@0 CH 21100



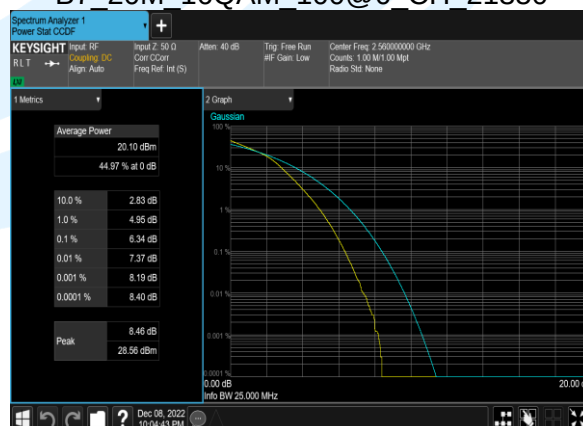
B7 20M 16QAM 100@0 CH 21100



B7 20M QPSK 100@0 CH 21350



B7 20M 16QAM 100@0 CH 21350



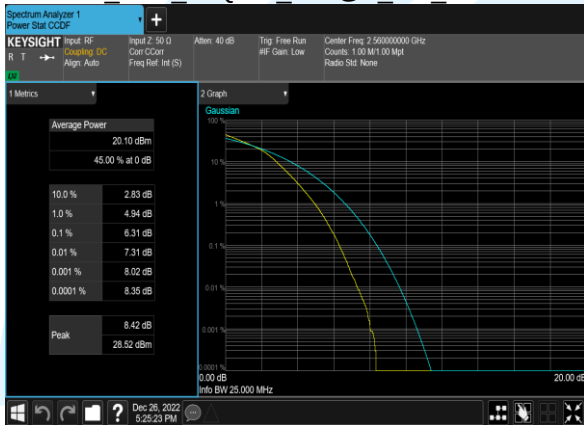
B7 20M 64QAM 100@0 CH 20850



B7 20M 64QAM 100@0 CH 21100



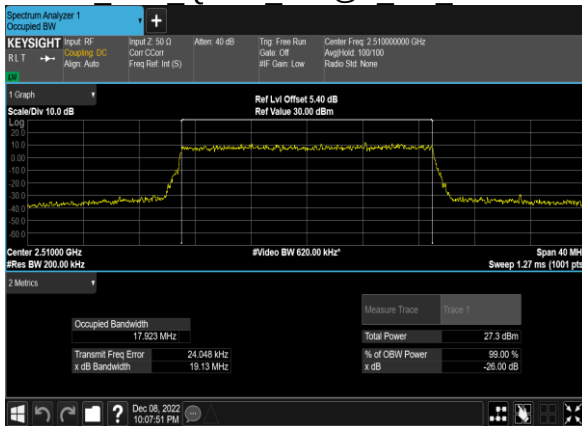
B7 20M 64QAM 100@0 CH 21350



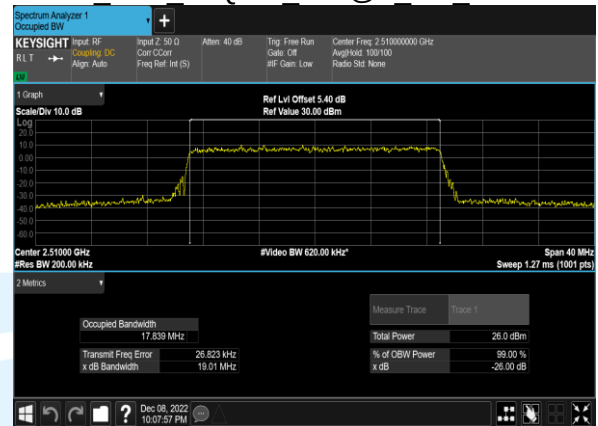
Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	20.0	20850	2510.0	QPSK	100@0	17.923	19.13
7	20.0	20850	2510.0	16QAM	100@0	17.839	19.01
7	20.0	20850	2510.0	64QAM	100@0	17.865	18.91
7	20.0	21100	2535.0	QPSK	100@0	17.870	19.08
7	20.0	21100	2535.0	16QAM	100@0	17.902	19.13
7	20.0	21100	2535.0	64QAM	100@0	17.901	19.04
7	20.0	21350	2560.0	QPSK	100@0	17.936	19.18
7	20.0	21350	2560.0	16QAM	100@0	17.910	19.20
7	20.0	21350	2560.0	64QAM	100@0	17.897	19.09
7	15.0	20825	2507.5	QPSK	75@0	13.391	14.50
7	15.0	20825	2507.5	16QAM	75@0	13.425	14.46
7	15.0	20825	2507.5	64QAM	75@0	13.400	14.30
7	15.0	21100	2535.0	QPSK	75@0	13.406	14.25
7	15.0	21100	2535.0	16QAM	75@0	13.389	14.34
7	15.0	21100	2535.0	64QAM	75@0	13.400	14.37
7	15.0	21375	2562.5	QPSK	75@0	13.410	14.47
7	15.0	21375	2562.5	16QAM	75@0	13.412	14.54
7	15.0	21375	2562.5	64QAM	75@0	13.410	14.21
7	10.0	20800	2505.0	QPSK	50@0	8.9264	9.675
7	10.0	20800	2505.0	16QAM	50@0	8.9318	9.636
7	10.0	20800	2505.0	64QAM	50@0	8.9224	9.628
7	10.0	21100	2535.0	QPSK	50@0	8.9373	9.622
7	10.0	21100	2535.0	16QAM	50@0	8.9347	9.657
7	10.0	21100	2535.0	64QAM	50@0	8.9313	9.662
7	10.0	21400	2565.0	QPSK	50@0	8.9421	9.629
7	10.0	21400	2565.0	16QAM	50@0	8.9284	9.630
7	10.0	21400	2565.0	64QAM	50@0	8.9548	9.623
7	5.0	20775	2502.5	QPSK	25@0	4.4503	4.858
7	5.0	20775	2502.5	16QAM	25@0	4.4533	4.876
7	5.0	20775	2502.5	64QAM	25@0	4.4615	4.855
7	5.0	21100	2535.0	QPSK	25@0	4.4596	4.877
7	5.0	21100	2535.0	16QAM	25@0	4.4675	4.858
7	5.0	21100	2535.0	64QAM	25@0	4.4729	4.865
7	5.0	21425	2567.5	QPSK	25@0	4.4563	4.835
7	5.0	21425	2567.5	16QAM	25@0	4.4592	4.879
7	5.0	21425	2567.5	64QAM	25@0	4.4512	4.857

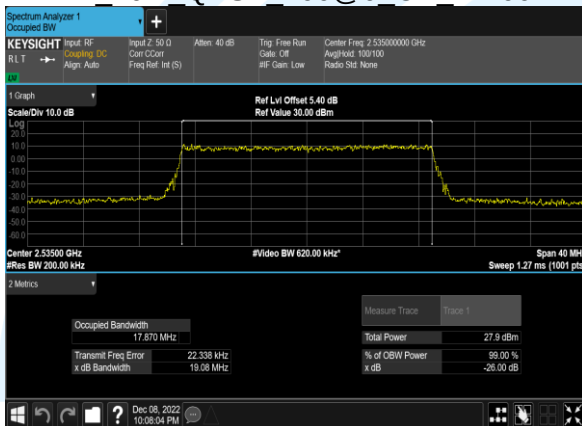
B7 20M QPSK 100@0 CH 20850



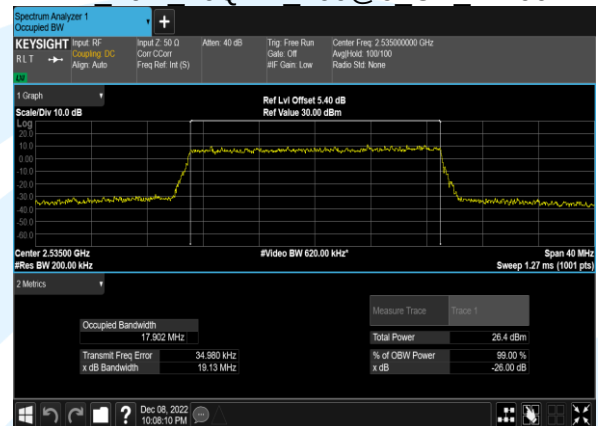
B7 20M 16QAM 100@0 CH 20850



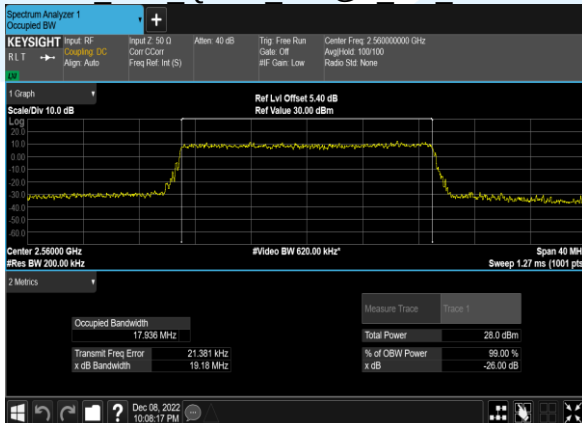
B7 20M QPSK 100@0 CH 21100



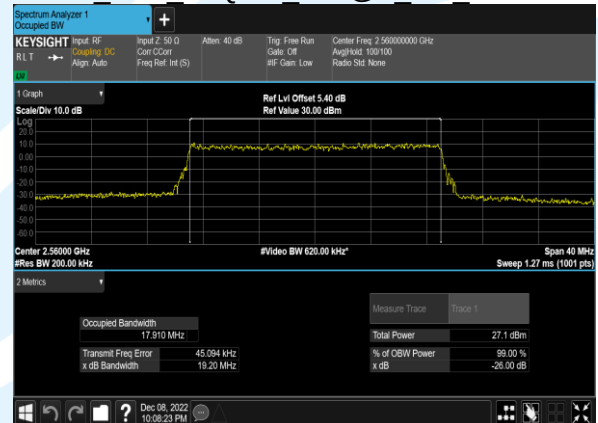
B7 20M 16QAM 100@0 CH 21100



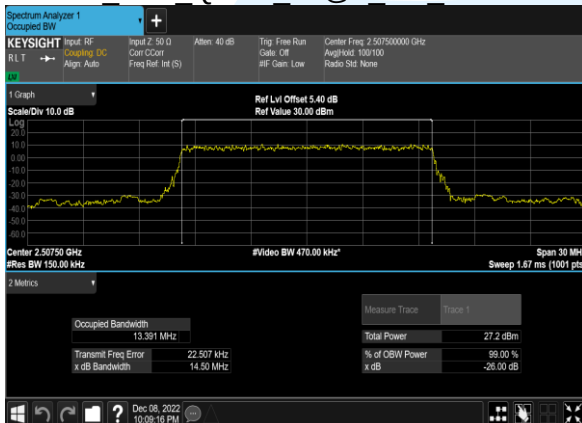
B7 20M QPSK 100@0 CH 21350



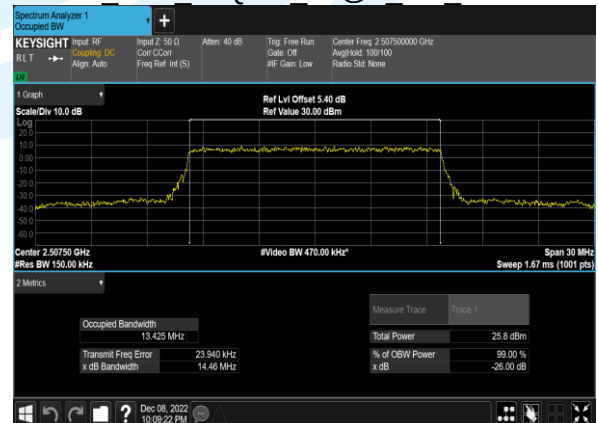
B7 20M 16QAM 100@0 CH 21350



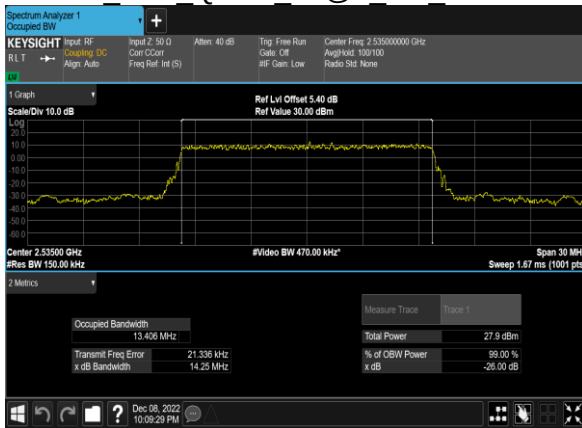
B7 15M QPSK 75@0 CH 20825



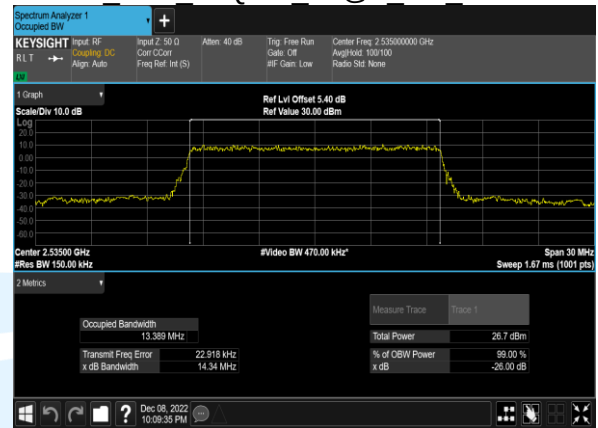
B7 15M 16QAM 75@0 CH 20825



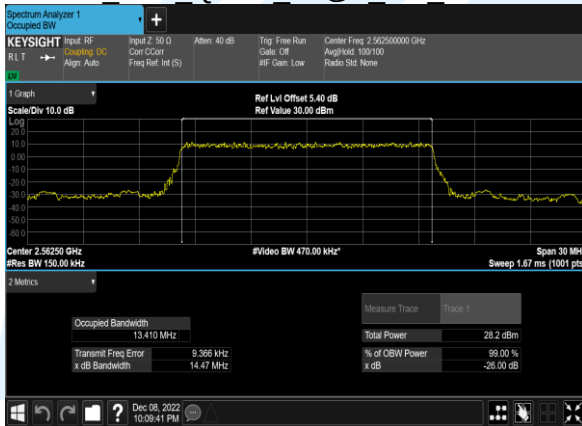
B7 15M QPSK 75@0 CH 21100



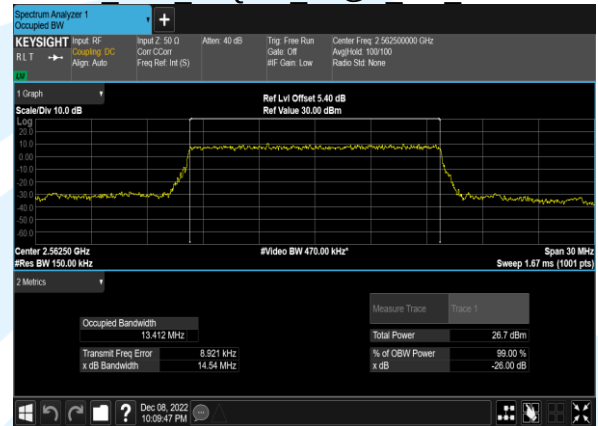
B7 15M 16QAM 75@0 CH 21100



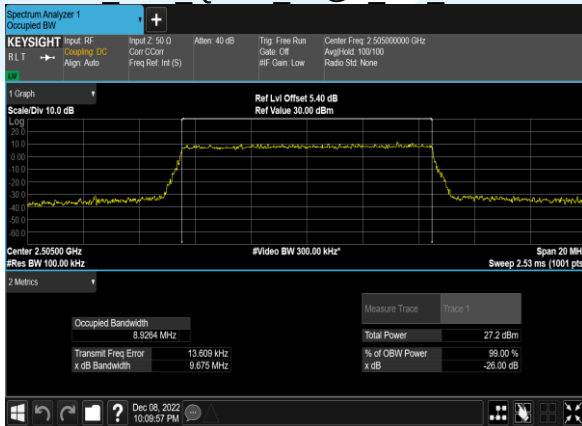
B7 15M QPSK 75@0 CH 21375



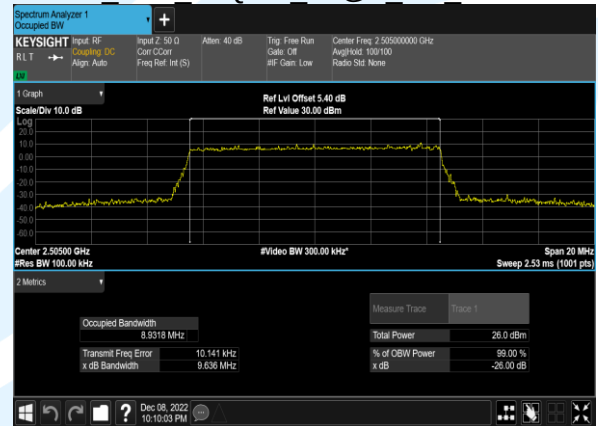
B7 15M 16QAM 75@0 CH 21375



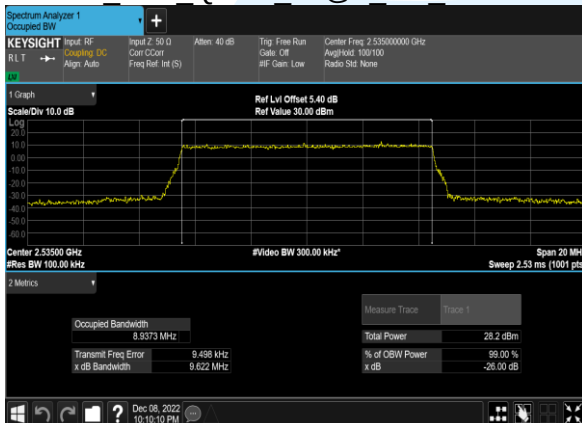
B7 10M QPSK 50@0 CH 20800



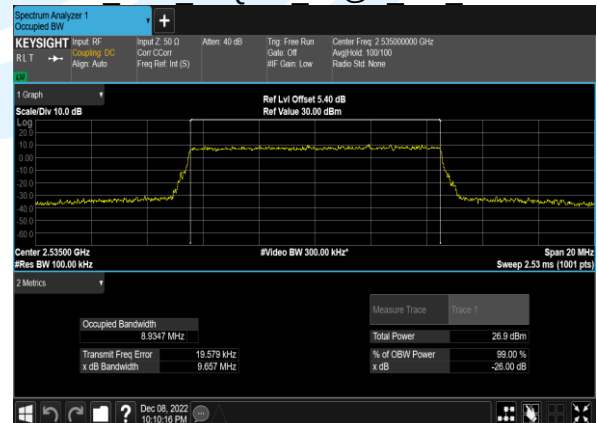
B7 10M 16QAM 50@0 CH 20800



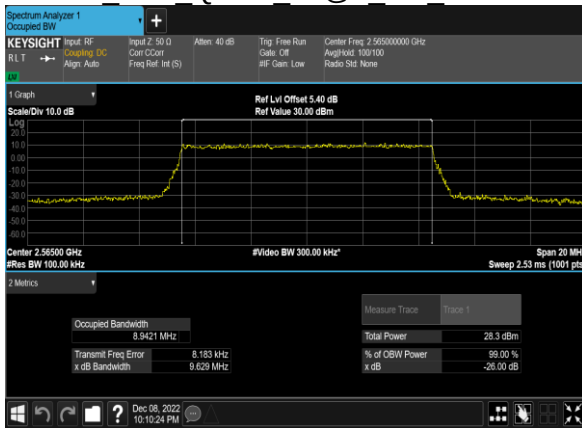
B7 10M QPSK 50@0 CH 21100



B7 10M 16QAM 50@0 CH 21100



B7 10M QPSK 50@0 CH 21400



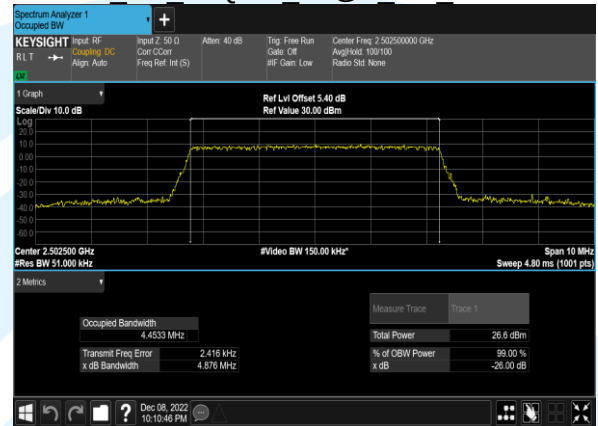
B7 10M 16QAM 50@0 CH 21400



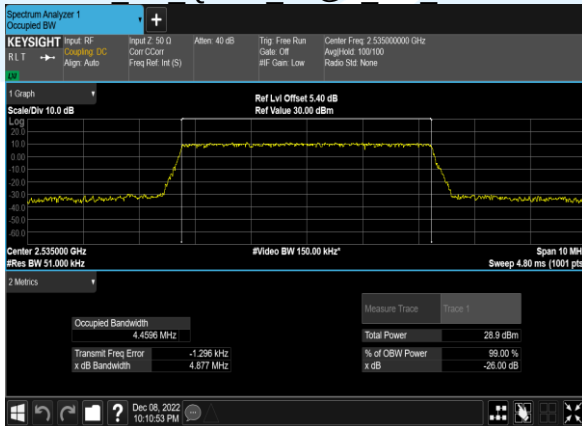
B7 5M QPSK 25@0 CH 20775



B7 5M 16QAM 25@0 CH 20775



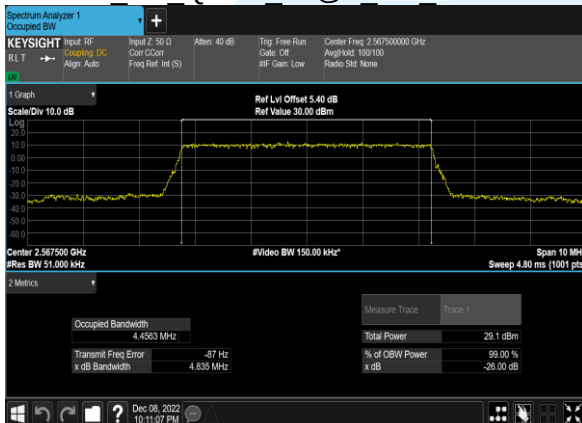
B7 5M QPSK 25@0 CH 21100



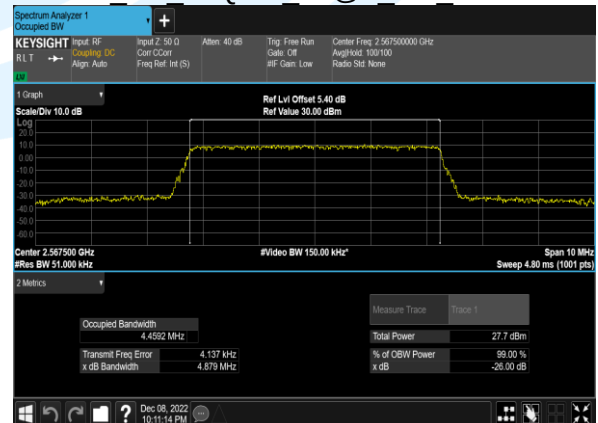
B7 5M 16QAM 25@0 CH 21100



B7 5M QPSK 25@0 CH 21425



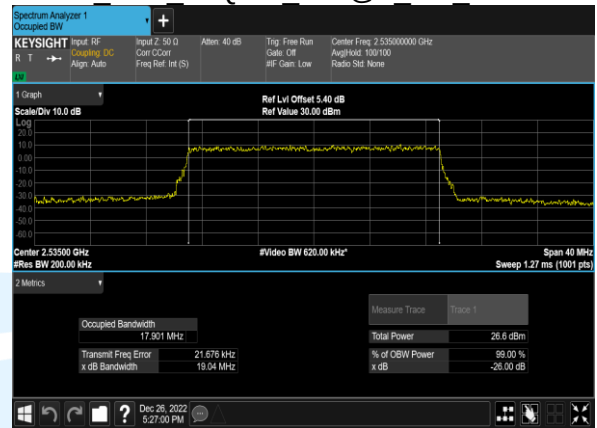
B7 5M 16QAM 25@0 CH 21425



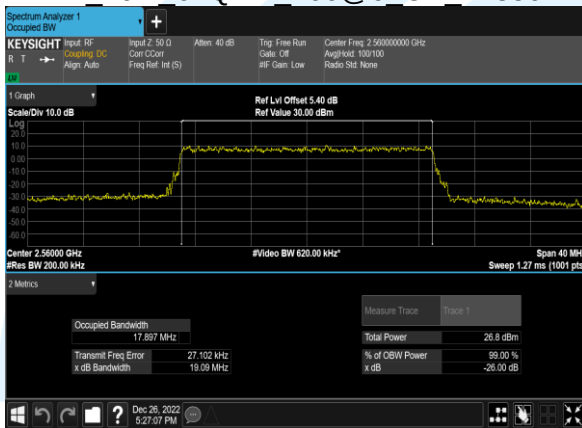
B7 20M 64QAM 100@0 CH 20850



B7 20M 64QAM 100@0 CH 21100



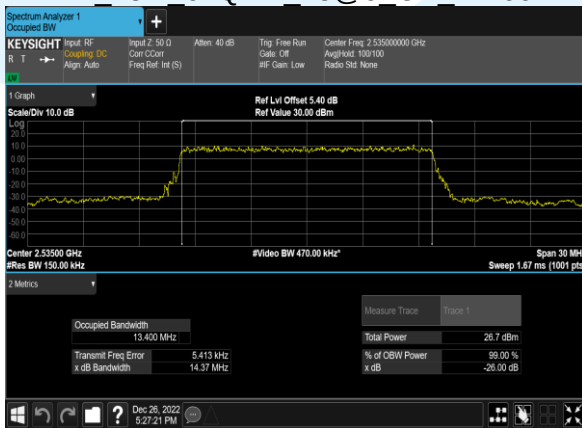
B7 20M 64QAM 100@0 CH 21350



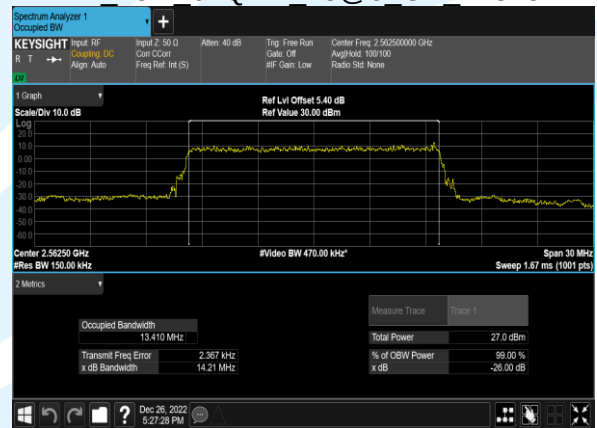
B7 15M 64QAM 75@0 CH 20825



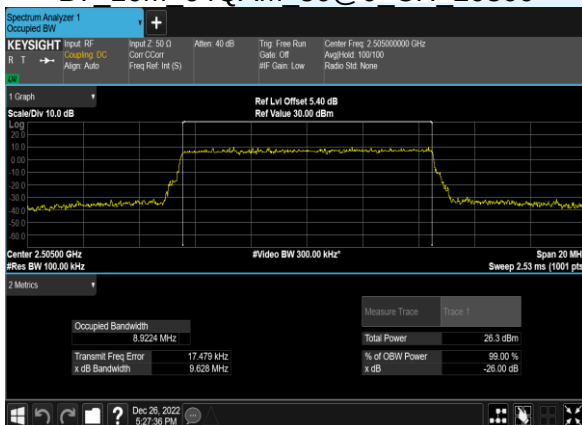
B7 15M 64QAM 75@0 CH 21100



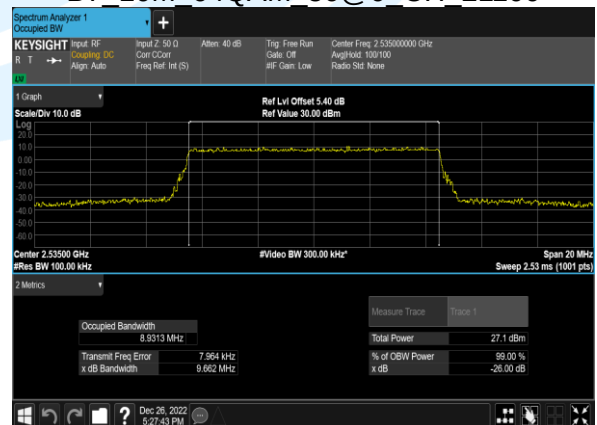
B7 15M 64QAM 75@0 CH 21375



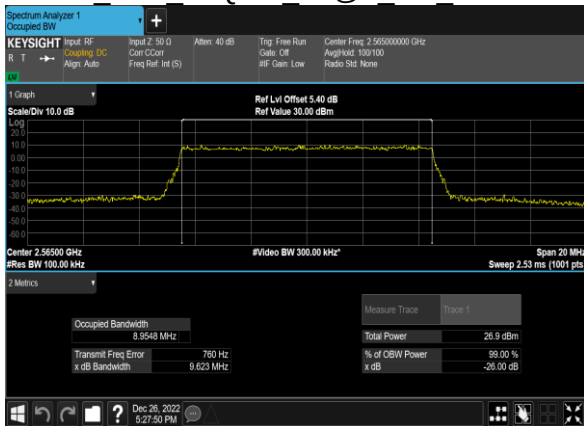
B7 10M 64QAM 50@0 CH 20800



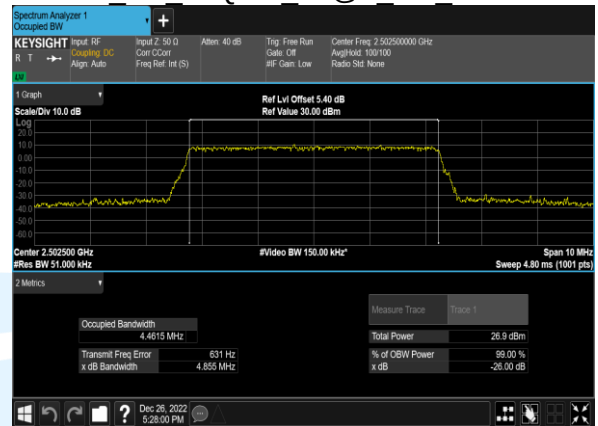
B7 10M 64QAM 50@0 CH 21100



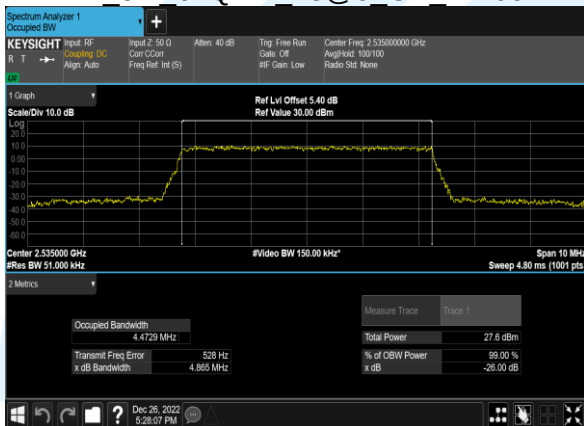
B7 10M 64QAM 50@0 CH 21400



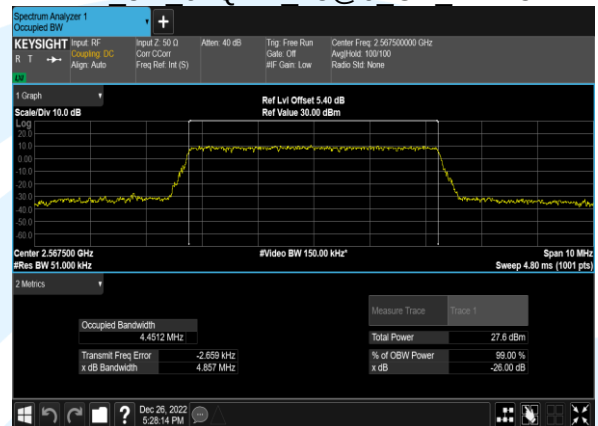
B7 5M 64QAM 25@0 CH 20775



B7 5M 64QAM 25@0 CH 21100



B7 5M 64QAM 25@0 CH 21425



Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
7	20.0	20850	2510.0	QPSK	1@0	-35.94	-25	PASS
7	20.0	20850	2510.0	16QAM	1@0	-36.13	-25	PASS
7	20.0	20850	2510.0	64QAM	1@0	-35.09	-25	PASS
7	20.0	21100	2535.0	QPSK	1@0	-35.8	-25	PASS
7	20.0	21100	2535.0	16QAM	1@0	-35.76	-25	PASS
7	20.0	21100	2535.0	64QAM	1@0	-35.97	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	-36.03	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	-35.9	-25	PASS
7	20.0	21350	2560.0	64QAM	1@0	-35.43	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	-36.28	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	-35.78	-25	PASS
7	15.0	20825	2507.5	64QAM	1@0	-35.84	-25	PASS
7	15.0	21100	2535.0	QPSK	1@0	-35.73	-25	PASS
7	15.0	21100	2535.0	16QAM	1@0	-36.22	-25	PASS
7	15.0	21100	2535.0	64QAM	1@0	-35.68	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	-35.82	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	-36.0	-25	PASS
7	15.0	21375	2562.5	64QAM	1@0	-36.35	-25	PASS
7	10.0	20800	2505.0	QPSK	1@0	-35.99	-25	PASS
7	10.0	20800	2505.0	16QAM	1@0	-35.59	-25	PASS
7	10.0	20800	2505.0	64QAM	1@0	-35.53	-25	PASS
7	10.0	21100	2535.0	QPSK	1@0	-35.67	-25	PASS
7	10.0	21100	2535.0	16QAM	1@0	-36.54	-25	PASS
7	10.0	21100	2535.0	64QAM	1@0	-36.09	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	-35.25	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	-36.07	-25	PASS
7	10.0	21400	2565.0	64QAM	1@0	-35.64	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	-35.5	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	-36.4	-25	PASS
7	5.0	20775	2502.5	64QAM	1@0	-35.71	-25	PASS
7	5.0	21100	2535.0	QPSK	1@0	-35.44	-25	PASS
7	5.0	21100	2535.0	16QAM	1@0	-36.38	-25	PASS
7	5.0	21100	2535.0	64QAM	1@0	-36.46	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	-36.13	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	-36.26	-25	PASS
7	5.0	21425	2567.5	64QAM	1@0	-36.8	-25	PASS

B7 20M QPSK 1@0 CH 20850



B7 20M 16QAM 1@0 CH 20850



B7 20M QPSK 1@0 CH 21100



B7 20M 16QAM 1@0 CH 21100



B7 20M QPSK 1@0 CH 21350



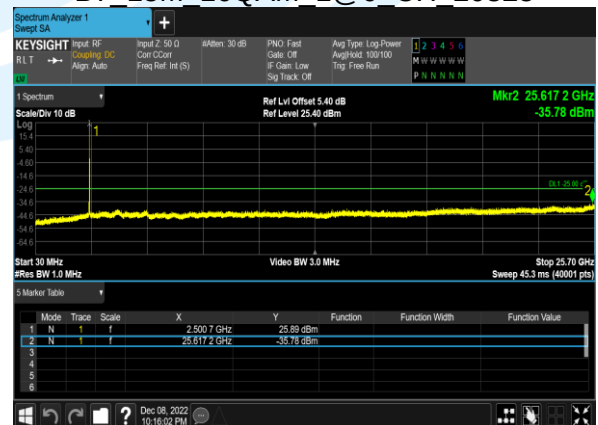
B7 20M 16QAM 1@0 CH 21350



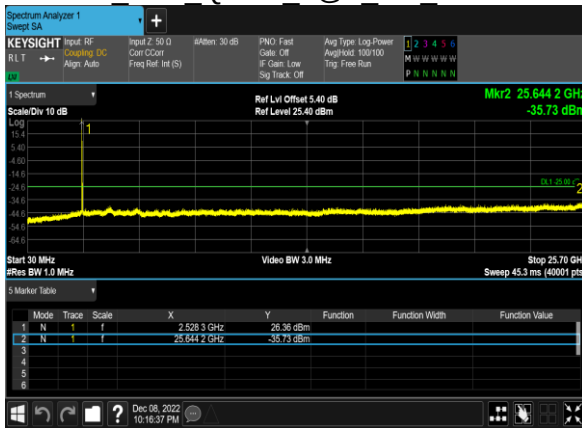
B7 15M QPSK 1@0 CH 20825



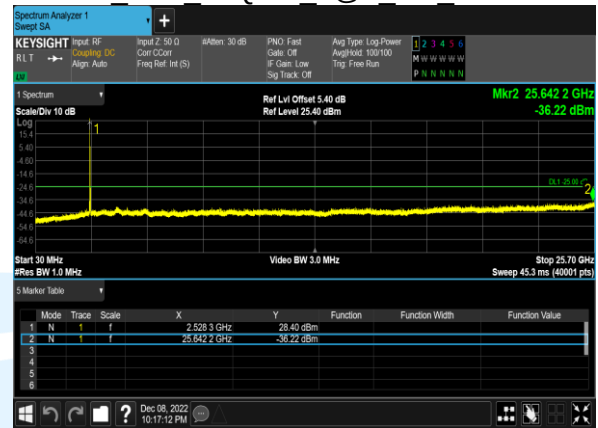
B7 15M 16QAM 1@0 CH 20825



B7 15M QPSK 1@0 CH 21100



B7 15M 16QAM 1@0 CH 21100



B7 15M QPSK 1@0 CH 21375



B7 15M 16QAM 1@0 CH 21375



B7 10M QPSK 1@0 CH 20800



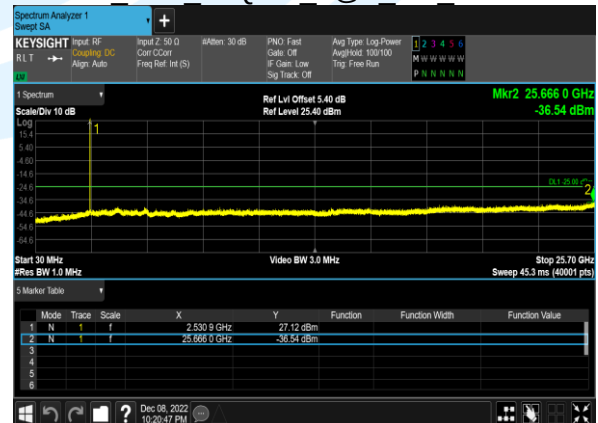
B7 10M 16QAM 1@0 CH 20800



B7 10M QPSK 1@0 CH 21100



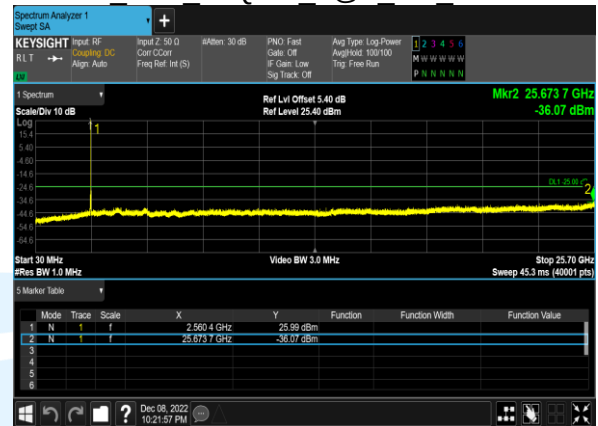
B7 10M 16QAM 1@0 CH 21100



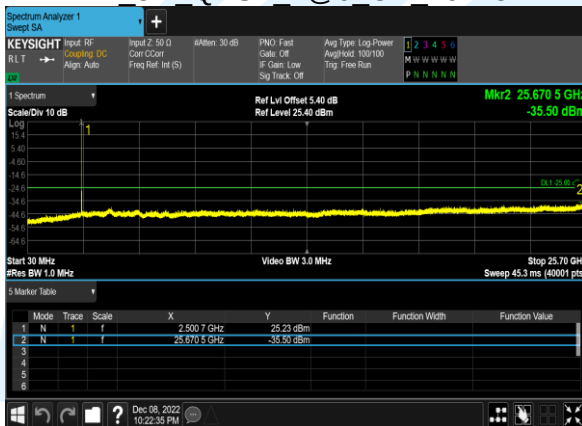
B7_10M QPSK 1@0 CH 21400



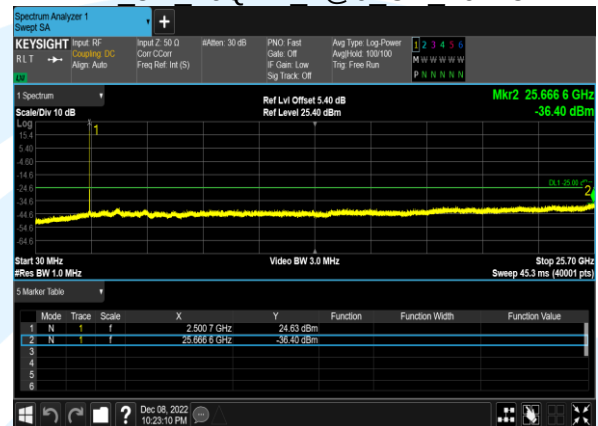
B7_10M 16QAM 1@0 CH 21400



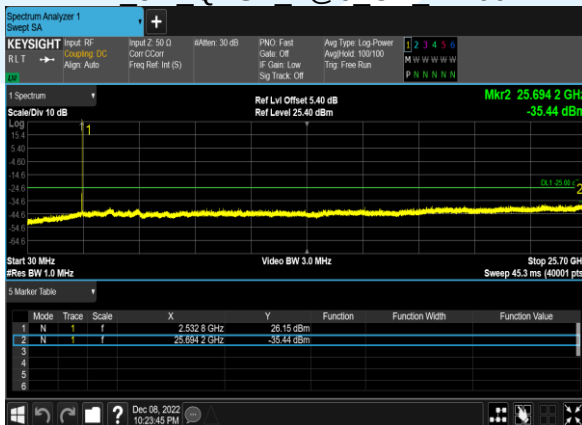
B7_5M QPSK 1@0 CH 20775



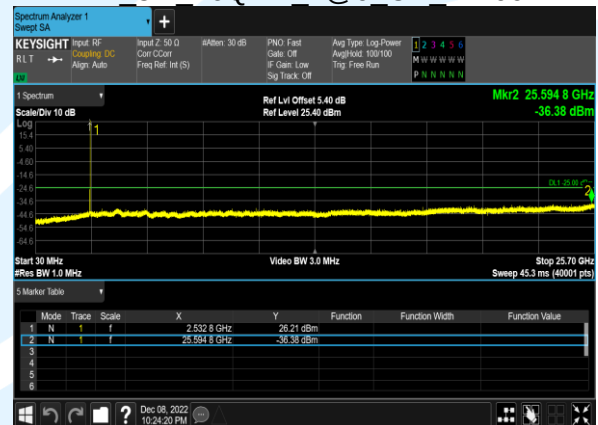
B7_5M 16QAM 1@0 CH 20775



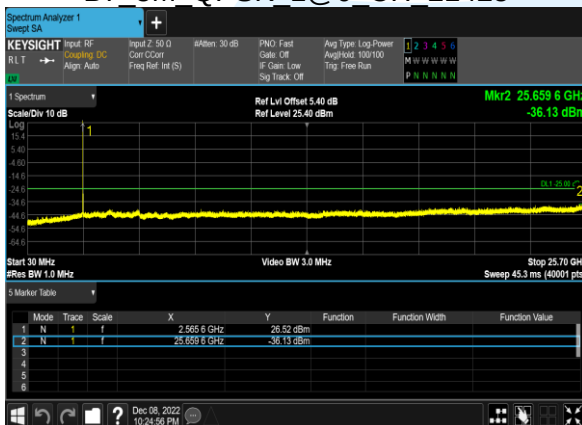
B7_5M QPSK 1@0 CH 21100



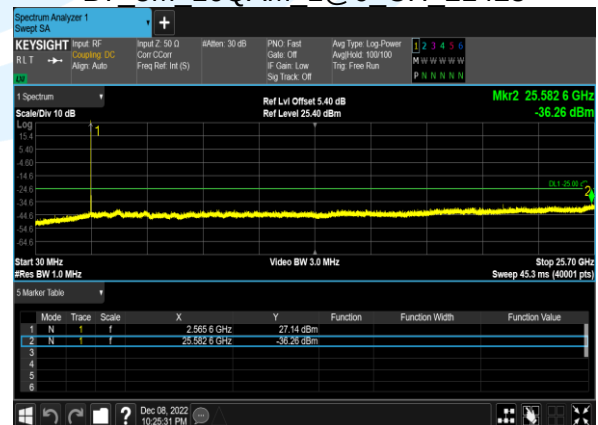
B7_5M 16QAM 1@0 CH 21100



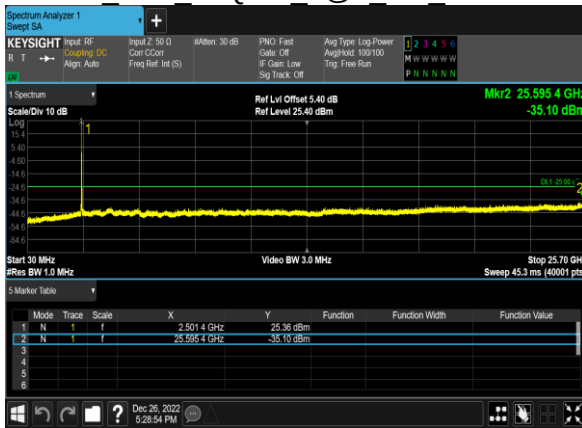
B7_5M QPSK 1@0 CH 21425



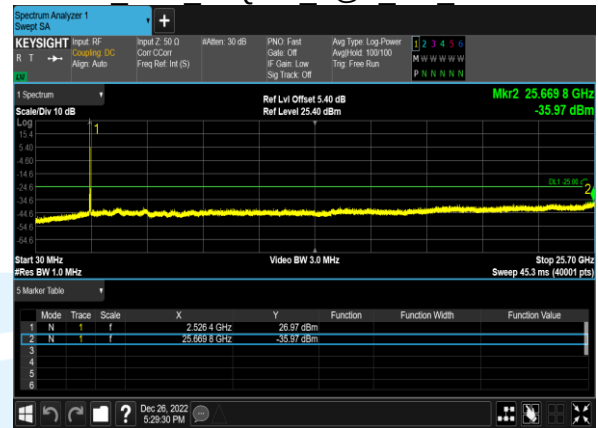
B7_5M 16QAM 1@0 CH 21425



B7 20M 64QAM 1@0 CH 20850



B7 20M 64QAM 1@0 CH 21100



B7 20M 64QAM 1@0 CH 21350



B7 15M 64QAM 1@0 CH 20825



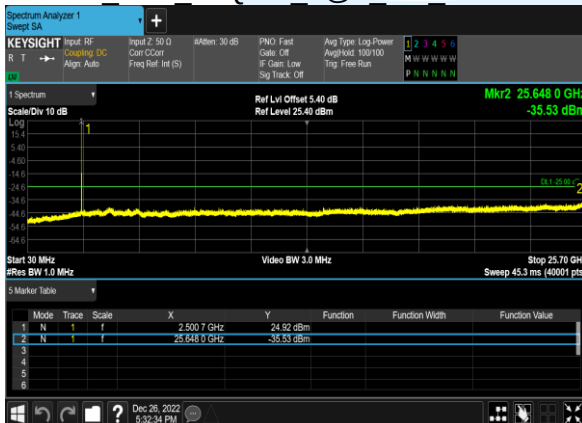
B7 15M 64QAM 1@0 CH 21100



B7 15M 64QAM 1@0 CH 21375



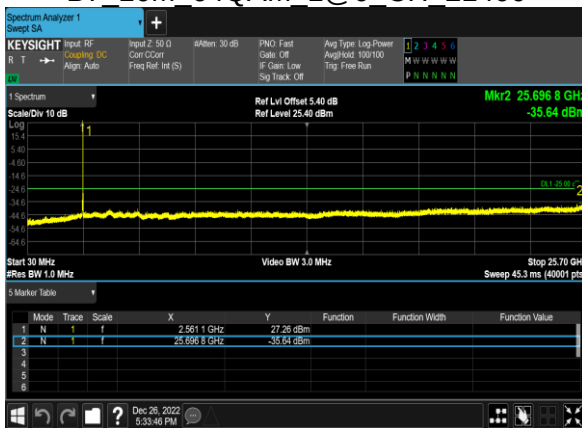
B7 10M 64QAM 1@0 CH 20800



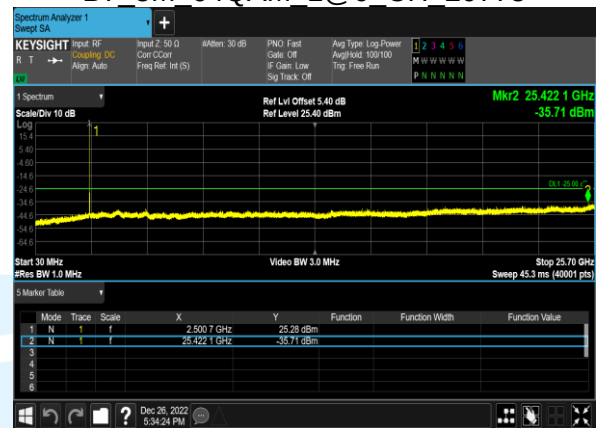
B7 10M 64QAM 1@0 CH 21100



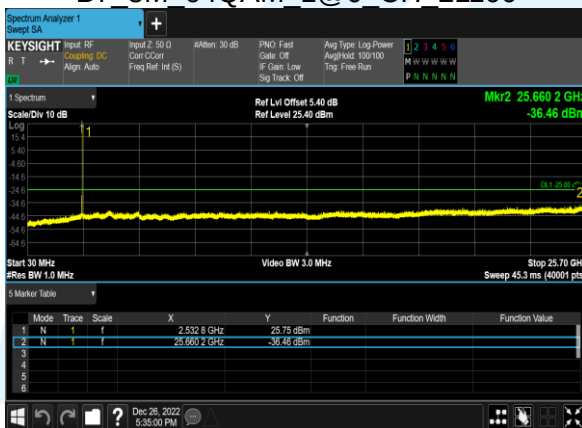
B7 10M 64QAM 1@0 CH 21400



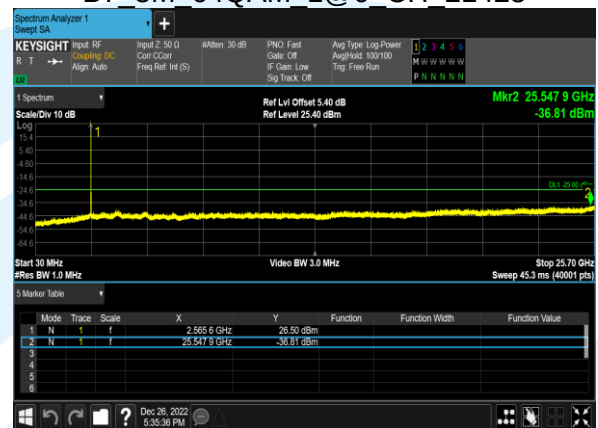
B7 5M 64QAM 1@0 CH 20775



B7 5M 64QAM 1@0 CH 21100



B7 5M 64QAM 1@0 CH 21425



Conducted Band Edge

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
7	20.0	20850	2510.0	QPSK	1@0	see graph	PASS
7	20.0	20850	2510.0	QPSK	100@0	see graph	PASS
7	20.0	20850	2510.0	16QAM	1@0	see graph	PASS
7	20.0	20850	2510.0	16QAM	100@0	see graph	PASS
7	20.0	20850	2510.0	64QAM	1@0	see graph	PASS
7	20.0	20850	2510.0	64QAM	100@0	see graph	PASS
7	20.0	21350	2560.0	QPSK	1@99	see graph	PASS
7	20.0	21350	2560.0	QPSK	100@0	see graph	PASS
7	20.0	21350	2560.0	16QAM	1@99	see graph	PASS
7	20.0	21350	2560.0	16QAM	100@0	see graph	PASS
7	20.0	21350	2560.0	64QAM	1@99	see graph	PASS
7	20.0	21350	2560.0	64QAM	100@0	see graph	PASS
7	15.0	20825	2507.5	QPSK	1@0	see graph	PASS
7	15.0	20825	2507.5	QPSK	75@0	see graph	PASS
7	15.0	20825	2507.5	16QAM	1@0	see graph	PASS
7	15.0	20825	2507.5	16QAM	75@0	see graph	PASS
7	15.0	20825	2507.5	64QAM	1@0	see graph	PASS
7	15.0	20825	2507.5	64QAM	75@0	see graph	PASS
7	15.0	21375	2562.5	QPSK	1@74	see graph	PASS
7	15.0	21375	2562.5	QPSK	75@0	see graph	PASS
7	15.0	21375	2562.5	16QAM	1@74	see graph	PASS
7	15.0	21375	2562.5	16QAM	75@0	see graph	PASS
7	15.0	21375	2562.5	64QAM	1@74	see graph	PASS
7	15.0	21375	2562.5	64QAM	75@0	see graph	PASS
7	10.0	20800	2505.0	QPSK	1@0	see graph	PASS
7	10.0	20800	2505.0	QPSK	50@0	see graph	PASS
7	10.0	20800	2505.0	16QAM	1@0	see graph	PASS
7	10.0	20800	2505.0	16QAM	50@0	see graph	PASS
7	10.0	20800	2505.0	64QAM	1@0	see graph	PASS
7	10.0	20800	2505.0	64QAM	50@0	see graph	PASS
7	10.0	21400	2565.0	QPSK	1@49	see graph	PASS
7	10.0	21400	2565.0	QPSK	50@0	see graph	PASS
7	10.0	21400	2565.0	16QAM	1@49	see graph	PASS
7	10.0	21400	2565.0	16QAM	50@0	see graph	PASS
7	10.0	21400	2565.0	64QAM	1@49	see graph	PASS
7	10.0	21400	2565.0	64QAM	50@0	see graph	PASS
7	5.0	20775	2502.5	QPSK	1@0	see graph	PASS
7	5.0	20775	2502.5	QPSK	25@0	see graph	PASS
7	5.0	20775	2502.5	16QAM	1@0	see graph	PASS
7	5.0	20775	2502.5	16QAM	25@0	see graph	PASS
7	5.0	20775	2502.5	64QAM	1@0	see graph	PASS
7	5.0	20775	2502.5	64QAM	25@0	see graph	PASS
7	5.0	21425	2567.5	QPSK	1@24	see graph	PASS
7	5.0	21425	2567.5	QPSK	25@0	see graph	PASS
7	5.0	21425	2567.5	16QAM	1@24	see graph	PASS
7	5.0	21425	2567.5	16QAM	25@0	see graph	PASS
7	5.0	21425	2567.5	64QAM	1@24	see graph	PASS
7	5.0	21425	2567.5	64QAM	25@0	see graph	PASS